Thursday, 8/23/2007 11:52:26 AM Date: User: Kim Johnston **Process Sheet** 41 : VALVE ASSEMBLY (1/4") **Drawing Name** Customer : CU-DAR001 Dart Helicopters Services Job Number : 34235 : 10962 **Estimate Number** : D20014 **Part Number** P.O. Number S.O. No. : NA - D2001 REV C : 8/23/2007 **Drawing Number** This Issue : N/A : NC Project Number Prsht Rev. : PURCHASED PARTS : C First Issue **Drawing Revision** : 32197 :NIA Previous Run Material : 9/3/2007 Qty: 8 Um: Each **Due Date** Written By Checked & Approved By : Est. 04.07.06 New Issue KJ/RF Comment **Additional Product** Job Number: Description: Machine Or Operation: Seq. #: **PURCHASING** 1.0 CL07/08/24 Comment: PURCHASING Issue P/O: P/N: 76-101-32 (1/4 NPT) Possible Supplier: Flo-Control Inc. Material release note is required 2.0 7610132 VALVE Comment: Qty.: 1.0000 Each(s)/Unit Total: 8.0000 Each(s) **VALVE** PACKAGING 1 PACKAGING RESOURCE #1 3.0 Comment: PACKAGING RESOURCE #1 Recieive & Inspect for Transit Damage Ensure Material Release Note is attached 4.0 QC6 Comment: DIMENSIONAL CHECK SMALL FAB 1 SMALL & MEDIUM FAB RESOURCE 1 5.0 Comment: SMALL & MEDIUM FAB RESOURCE 1 Remove existing ID numbers and replace with Dart P/N & B/N DO NOT Remove

## **Dart Aerospace Ltd**

W/O:		WORK ORDER CHA	WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
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Part No	):	PAR #: Fault Category:	NC	R: Yes	No DQ	<b>A</b> : 5	Date: _c	<u>59109/05</u>	

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
		Description of NC		Corrective Action Section B		Verification	Approval	Approval QC Inspector
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	
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NOTE: Date & initial all entries

QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_

Thursday, 8/23/2007 11:52:26 AM Date: User: . Kim Johnston **Process Sheet** Drawing Name: VALVE ASSEMBLY (1/4") Customer: CU-DAR001 Dart Helicopters Services Job Number: 34235 Part Number: D20014 Job Number: Seq. #: Description: Machine Or Operation: INSPECT WORK TO CURRENT STEP 6.0 QC5 Comment: INSPECT WORK TO CURRENT STEP PACKAGING 1 PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: QC21 8.0 Comment: FINAL INSPECTION/W/O RELEASE W Stul.05 Job Completion 

## **Dart Aerospace Ltd**

W/O:				WORK ORDER	CHANGES				
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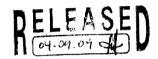
NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Corrective Action Section B	Verification	Approval					
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	Approval QC Inspector			
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NOTE: Date & initial all entries

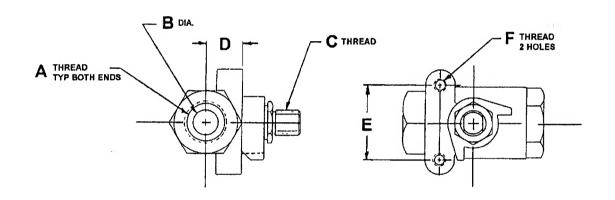




DESIG	P	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHEC	KED A	APPROVED	DRAWING NO.	REV. C
	-# -	#	D2001 SHEET	1 OF 1
DATE			TITLE	SCALE
04.0	07.06		VALVE ASSEMBLY	NTS
-		90.04.02	NEW ISSUE	
Α		92.05.12	-043 ADDED	
В		96.04.10	DART P/N CHG,041-6,042-12,ADD	-16
С		04.07.06	ADD D2001-4	



# SPECIFICATION CONTROL DRAWING



Dart P/N	Apollo P/N	Α	В	С	D	E	F
D2001-4	76-101-32	1/4 NPT	0.370	3/8-24 NF	0.56	1.120	10-24 UNC
D2001-6	76-102-01	3/8 NPT	0.370	3/8-24 NF	0.56	1.120	10-24 UNC
D2001-8	76-103-01	1/2 NPT	0.500	3/8-24 NF	0.60	1.120	10-24 UNC
D2001-12	76-104-01	3/4 NPT	0.680	7/16-20 NF	0.79	1.370	10-24 UNC
D2001-16	76-105-01	1 NPT	0.870	7/16-20	0.99	1.370	10-24 UNC

#### NOTES:

- 1) POSSIBLE SUPPLIER: FLO-CONTROL INC. OR APOLLO VALVE DIVISION
- 2) DISCARD HANDLE AND ATTACHING NUT, EXCEPT FOR D2001-4
- 3) CHECK DIMENSION SHOWN ON THIS DRAWING
- 4) REFERENCE INFORMATION:

MATERIAL: 316 STAINLESS STEEL INVESTMENT CAST COMPONENTS

MEETS NACE-MR-01-75

MEETS WW-V-35C TYPE II, COMP SS, STYLE 3

PRESSURE RATING: 2000 PSI @ 100°F

150 PSI @ 400°F

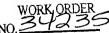
5) IDENTFY WITH DART P/N & B/N USING FINE POINT PERMANENT INK MARKER

SHOP COPY **RETURN TO** 

**ENGINEERING** 

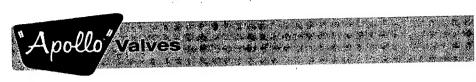
UNCONTROLLED COPY SUBJECT TO AMENDMENT

WITHOUT NOTICE



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#### Manufactured by Conbraco Ind. Inc.

P. O. Box 125 Pageland S.C. 29728

Phone: [843] 672-6161 Fax: [843] 672-1566

#### Certificate of Compliance

Customer:

FLO-CONTROL INC

Date:

8/28/2007

Cll Order#:

C 240529

PO#:

Part #:

Qty.

Description:

7610132A

BV,1/4"NPT,SS,SS TEE HNDL

7610301A

**BV,1/2"NPT,SS** 

This is to certify that the above materials comply with the requirements of the applicable purchase order and the codes and ratings shown in our published catalog of the "Apollo" valves, manufactured by Conbraco Industries Inc. or other specifications as noted above. All products are manufactured, tested and assembled in the United States of America. All products have met or exceed the inspection process.

Respectfully,

John F. Higdon

John F. Higdon

Corporate Quality Assurance Manager

**PQA049** 

#### **Purchase Order**

Date Aug 24, 2007 Page

Purchase Order Number PO00004453

Dart Aerospace Ltd 1270 Aberdeen St

Hawksbury, Ontario K6A 1K7 ... Phone: (613)632-9577

Fax:

(613)632-1053



Vendor Address:

Flo-Cortrol Inc. 80 Center Rd.

Carters ville, GA 30121

Phone Fax

(770) 382-0161

770) 382-0006

Ship To:

Main Finished Goods Location

Dart Aerospace Ltd

Drop-

**Unit Cost** 

1270 Aberdeen St

Hawksbury, Ontario K6A 1K7

Reference	Contact	Vendor Number	PO Date	Terms	Ship Via	Expected Arrival
		VU-FL0001	Aug 24, 2007	N30	Fedex	Aug 31, 2007
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Expected

Qty. Cidered	Item Number	Description	Arrival	Ship	Unit Cost	UOM	Extended Price
- (8.0000 - (2.000		VALVE ments: P/N: 76-101-32 (1/4 AS PER DWG D200	i i	No	40.700000	Each	325.
		CERTIFICATE OF REQ'D UPON	DELIVERY				
		Please ship	A.S.F	F			
							2.0
		**	,				
Comments:	Tax Summary:				Less: included tax		0.00
		Entered By:	CLAVOIE	E	Subtotal Total tax		325.66 0.00
		Approved By:			Total purchase order in USD Dollars		325.60

# Aerospace Ltd

Receiving Slip

**Date** Aug 9, 2007 Page

Receipt Number RCP00005317

Aerospace Ltd 0 Aberdeen St awksbury, Ontario K6A 1K7

Phone:	(613) 632-3336
Fax:	(613) 632-4443

·	• •			
		.4		80 Cente: Rd.
			121	Cartersville, GA 30

Ship To:

Main Finished Goods Location Dart Aerospace Ltd 1270 Aberdeen St Hawksbury, Ontario K6A 1K7

Reference	Description		· · · · · · · · · · · · · · · · · · ·		
1	Description	Contact	Vendor Number	PO Number	1
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L			VU-FL0001	PO00004278	
			1.01.0001	1 000004270	

Vendor Item Number	Item Number	Description	Qty. Received	UOM	Unit Cost	Extended Cost	Arrival Dat
	7610132	VALVE	10.0000	Each	<b>\$12,000</b> 00	-407.00	Aug 09, 200
		FEDEX ACCT # 1517					10g 05, 200
		PLEASE SHIP ASAP					
		P/N 76-101-32 (1/4 NI	T)				
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#### **Purchase Order**

Date Aug 24, 2007 Page

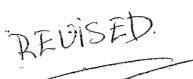
Purchase Order Number PO00004453

Dart Aerospace Ltd 1270 Aberdeen St . . .

Hawksbury, Ontario K6A 1K7 Phone: (613)632-9577

Fax:

(613)632-1053



Vendor Address:

Flo-Control Inc. 80 Center Rd.

Cartersville, GA 30121 770) 382-0006 (770) 382-0161 Phone Fax

Ship To:

Main Finished Goods Location Dart Aerospace Ltd

1270 Aberdeen St

Hawksbury, Ontario K6A 1K7

Reference	Contact	Vendor Number	PO Date	Terms	Ship Via	Expected Arrival
		VU-FL0001	Aug 24, 2007	<b>N</b> 30	Fedex	Aug 31, 2007

Oty. Or dered	Item Nu	ımber	De	scription	Expected Arrival	Drop- Ship	Unit Cost	UOM	/i Extended P	
√ 8.0000	7610132	Con	VALVE	P/N: 76-101-32 (1/4	8/31/2007 NPT )	No	40.75000	Each		
,	,			AS PER DWG D200	1 REV. C					
6.0000	7610301		VALVE		8/31/2007	No	-4 <del>2-61309</del> 7	Each		285
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Comments:		*		Tax Summary:			Less:			
							included tax			
					.8 4		Subtotal			<b>510.0</b> 0

Entered By: (SCLAV) CLAVOIE

Approved By:

Total tax

**USD** Dollars

Total purchase order in

Conbraco Industries, Inc. 701 Matthews Mint Hill Rd. Matthews, NC 28105 (704) 847-9191



Page: \_\_\_\_\_1

Sold to:				Table 1					Plt(s) STC	Po
				Ship To:					** ORIGINAL **	
FLO-CONTROL INC 80 CENTER RD CARTERSVILLE GA 30121 UNITED STATES			DART AEROSPACE MAIN FINISHED G 1270 ADERBEEN S HAWKSBURY UNITED STATES	OC ON K6A1K7	Piec Weig		1 Packed By: BARBARAA 10.48 Pack Date: 8/31/07 Shipped By: TAYLORH C Ship Date: 8/31/07 PRO# ASN#	:		
Customer Num	iber:	Customer Order:		Order Number:	Date Rec	ceived:	Salesman	<del></del>		
01004	1667	58806		~ C240529 1	1	8/28/07	Salesinan	4	Ship Via/Instructions: FE01 FDX ACCT# 15179324-0	
Number	Line Part Number		*	Part Description	Quantity Ordered	Quantity Shipped		Customer Part Number / Comments		
1049 2000	7610132 CERTIFO 7610301 CERTIFO	1 A	BV,1/4"N CERTIFIC BV,1/2"N CERTIFIC SHIPPING	PO# P00004453 AT D1(2ND DAY AIR)  NPT,SS,SS TEE HNDI CATE OF COMPLIANCE CATE OF COMPLIANCE CATE OF COMPLIANCE CATE OF COMPLIANCE CATE OF COMPLIANCE CATE OF COMPLIANCE CATE OF COMPLIANCE CATION:	PER E			EA EA	Certificate of Compliance N/C  Certificate of Compliance N/C	
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